

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
 Data File : BF115181.D
 Acq On : 25 Jun 2019 11:10
 Operator : HP/JU
 Sample : PB120870BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120870BL

Quant Time: Jun 26 05:41:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

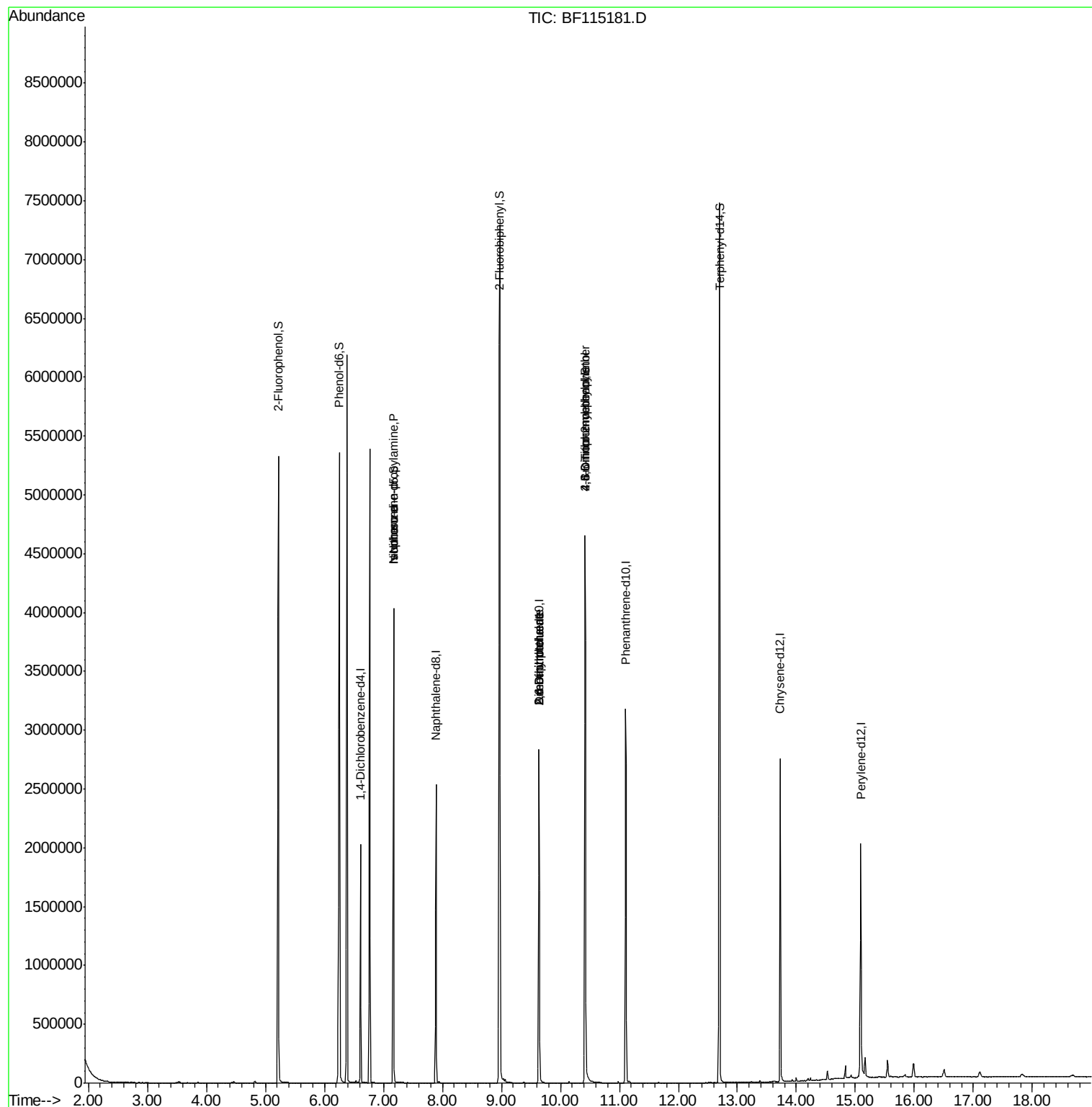
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	302757	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1162378	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	595271	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1185060	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	943789	20.00	ng	-0.02
87) Perylene-d12	15.09	264	971593	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1925471	98.14	ng	0.01
7) Phenol-d6	6.25	99	2415930	101.45	ng	0.00
23) Nitrobenzene-d5	7.17	82	1466049	77.59	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	708264	112.83	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2724181	77.74	ng	-0.01
79) Terphenyl-d14	12.70	244	3054886	68.82	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	195905	12.850	ng	# 78
25) Isophorone	7.17	82	1442189	37.258	ng	# 63
50) Dimethylphthalate	9.64	163	162768	3.717	ng	# 1
51) 2,6-Dinitrotoluene	9.64	165	75528	7.470	ng	# 28
57) 2,4-Dinitrotoluene	9.64	165	75528	5.785	ng	# 30
58) Fluorene	10.42	166	31181	Below Cal		# 92
65) 4,6-Dinitro-2-methylphenol	10.42	198	1408	5.160	ng	# 1
67) 4-Bromophenyl-phenylether	10.42	248	44256	3.444	ng	# 1

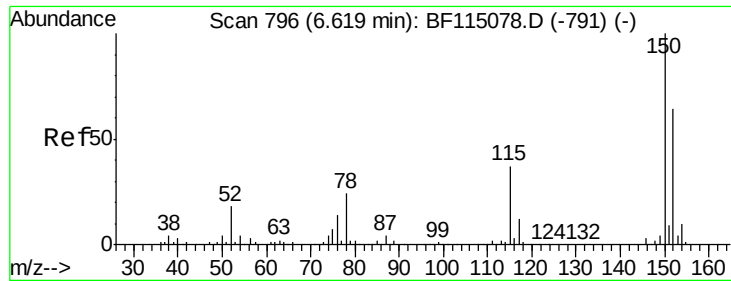
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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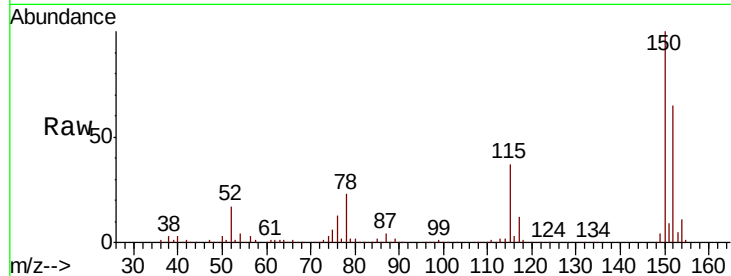


#1

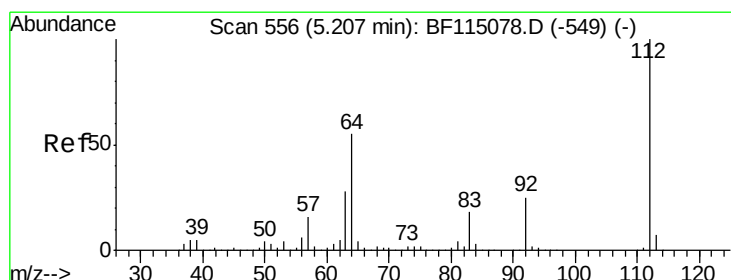
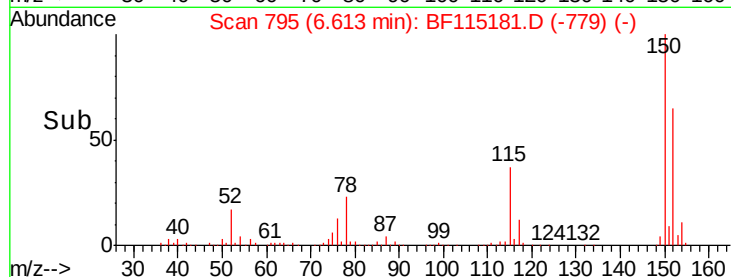
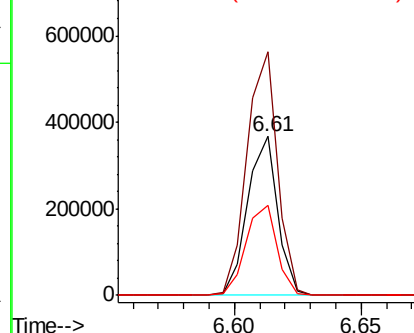
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115181.D
Acq: 25 Jun 2019 11:10

Instrument :
BNA_F
ClientSampleId :
PB120870BL

Tgt Ion:152 Resp: 302757
Ion Ratio Lower Upper
152 100
150 153.1 124.2 186.2
115 56.6 46.1 69.1



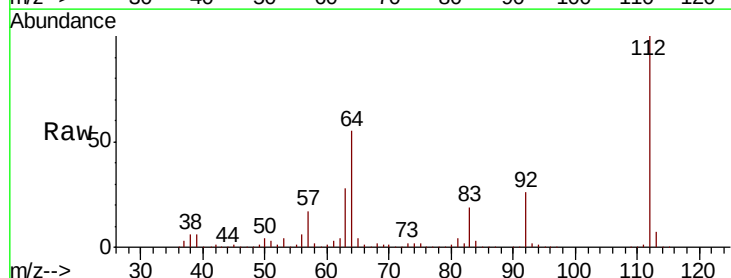
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



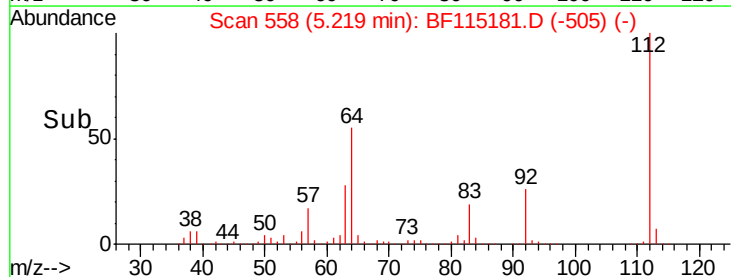
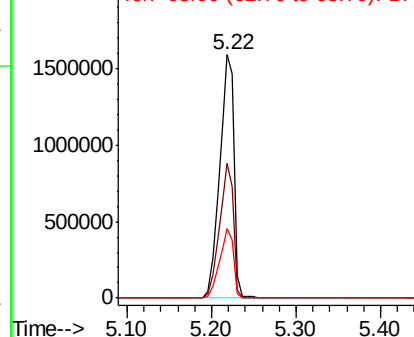
#5

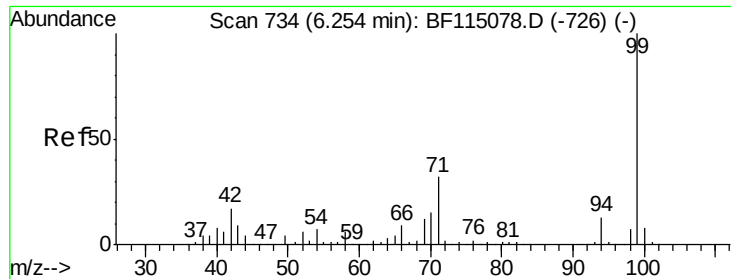
2-Fluorophenol
Concen: 98.142 ng
RT: 5.22 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF115181.D
Acq: 25 Jun 2019 11:10

Tgt Ion:112 Resp: 1925471
Ion Ratio Lower Upper
112 100
64 55.4 43.8 65.6
63 28.5 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 101.455 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115181.D

Acq: 25 Jun 2019 11:10

Instrument :

BNA_F

ClientSampleId :

PB120870BL

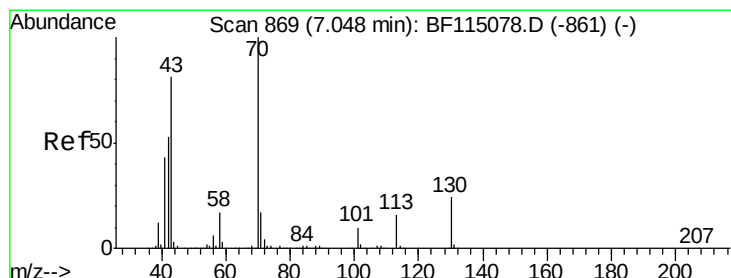
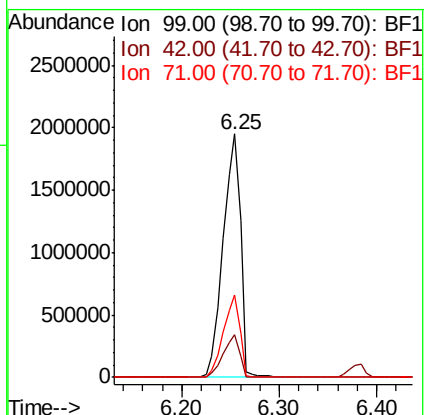
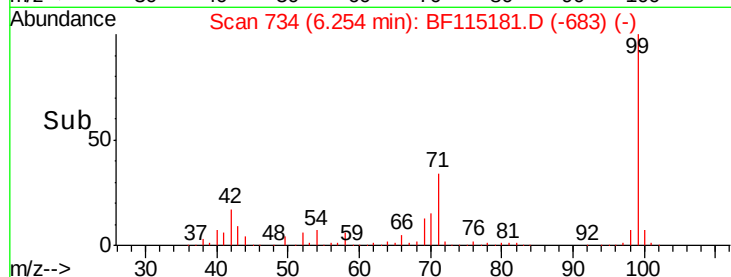
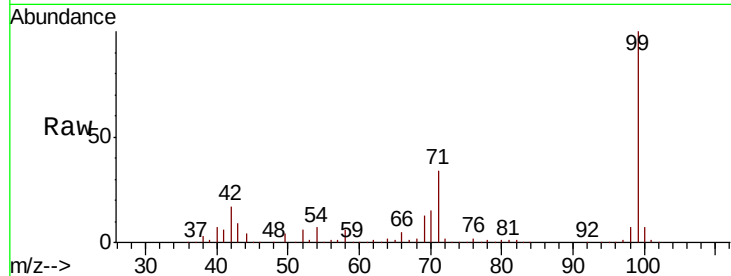
Tgt Ion: 99 Resp: 2415930

Ion Ratio Lower Upper

99 100

42 17.3 13.6 20.4

71 34.0 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.850 ng

RT: 7.17 min Scan# 890

Delta R.T. 0.12 min

Lab File: BF115181.D

Acq: 25 Jun 2019 11:10

Tgt Ion: 70 Resp: 195905

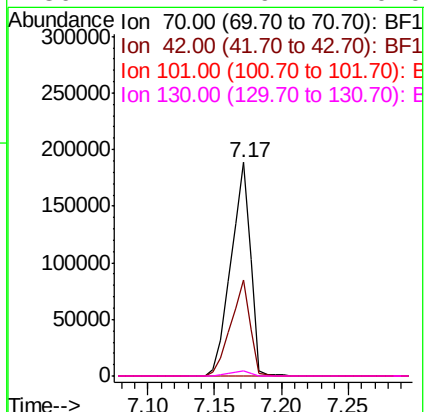
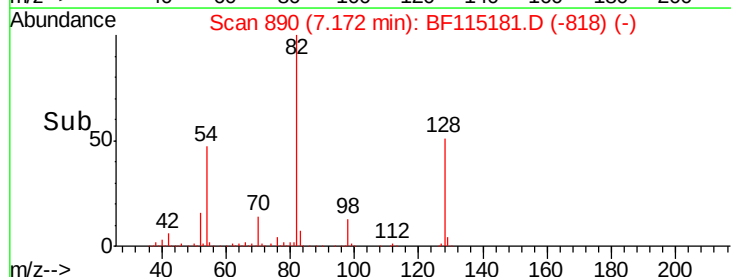
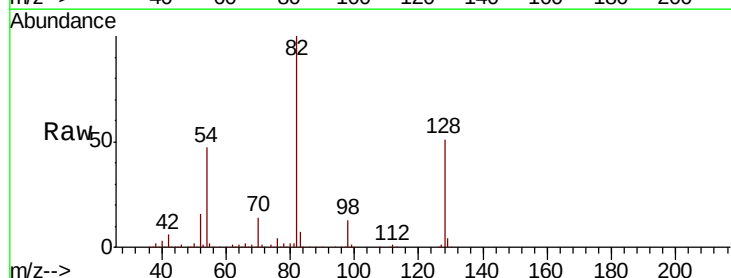
Ion Ratio Lower Upper

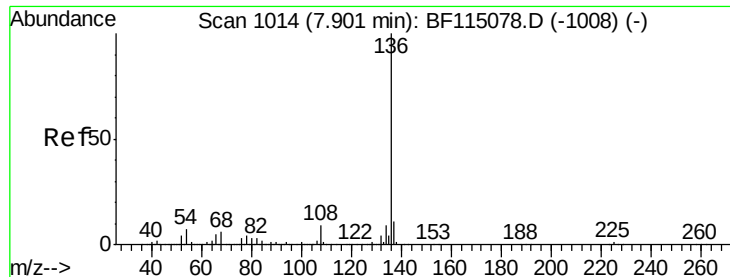
70 100

42 45.1 42.6 63.8

101 0.0 8.0 12.0#

130 2.4 19.4 29.0#

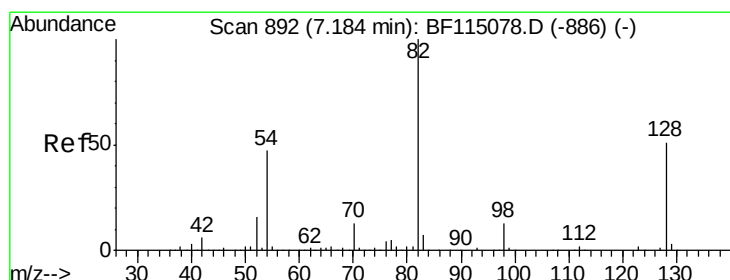
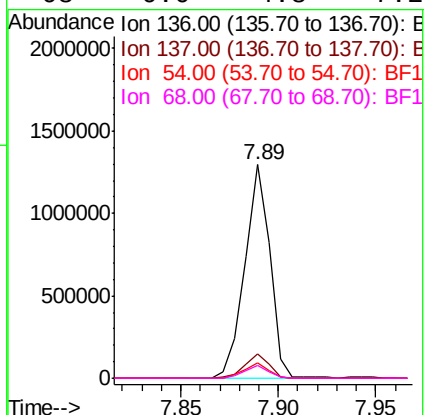
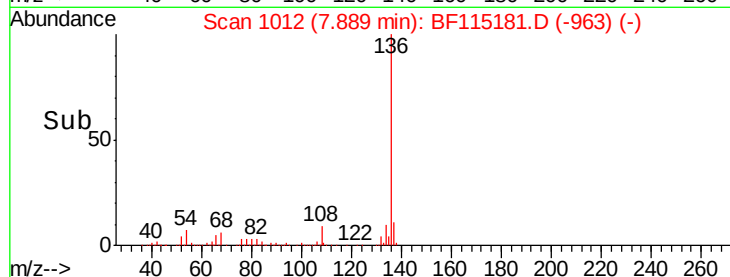
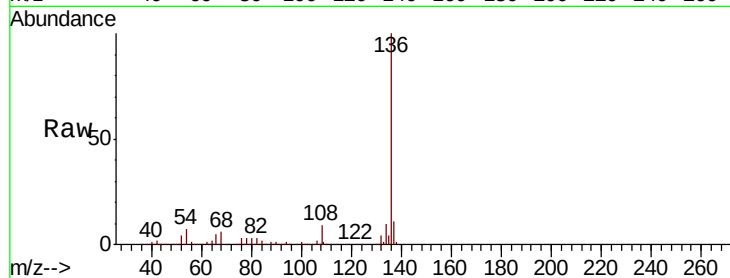




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115181.D
Acq: 25 Jun 2019 11:10

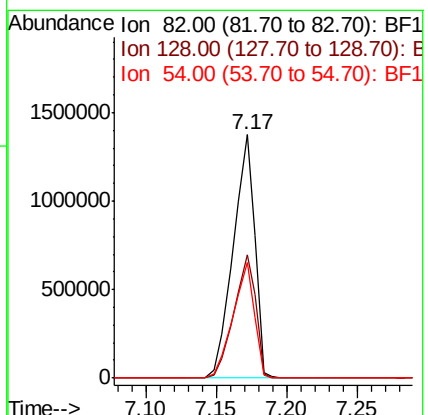
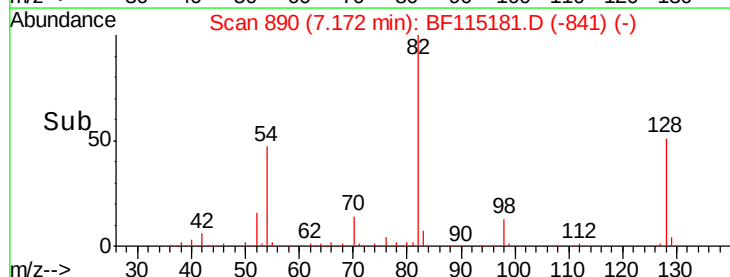
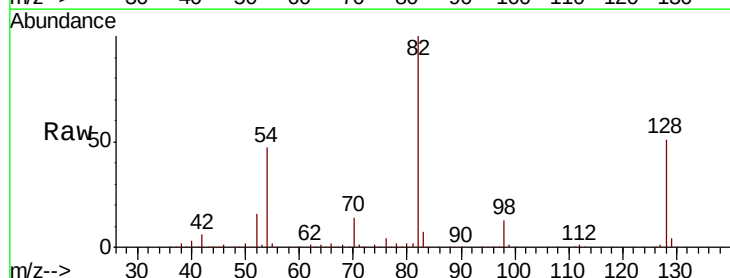
Instrument :
BNA_F
ClientSampleId :
PB120870BL

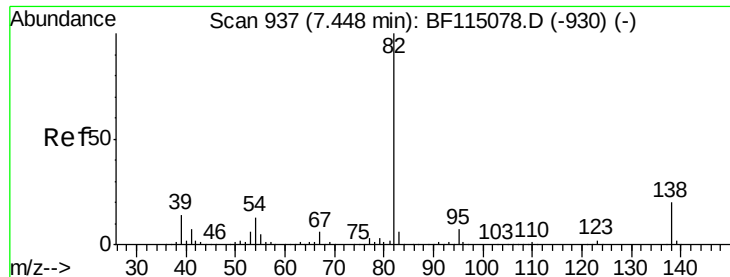
Tgt Ion:	136	Resp:	1162378
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.1	5.6	8.4
68	6.0	4.8	7.2



#23
Nitrobenzene-d5
Concen: 77.586 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115181.D
Acq: 25 Jun 2019 11:10

Tgt Ion:	82	Resp:	1466049
Ion	Ratio	Lower	Upper
82	100		
128	50.8	40.4	60.6
54	47.5	37.5	56.3





#25

Isophorone

Concen: 37.258 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.28 min

Lab File: BF115181.D

Acq: 25 Jun 2019 11:10

Instrument :

BNA_F

ClientSampleId :

PB120870BL

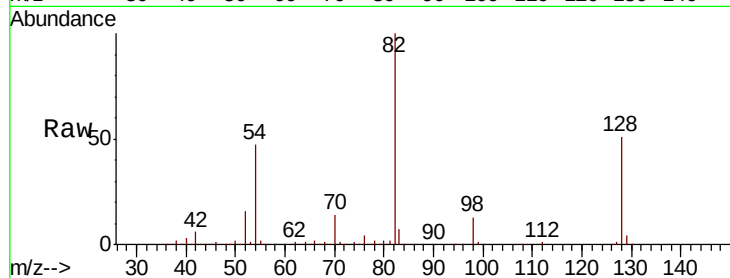
Tgt Ion: 82 Resp: 1442189

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

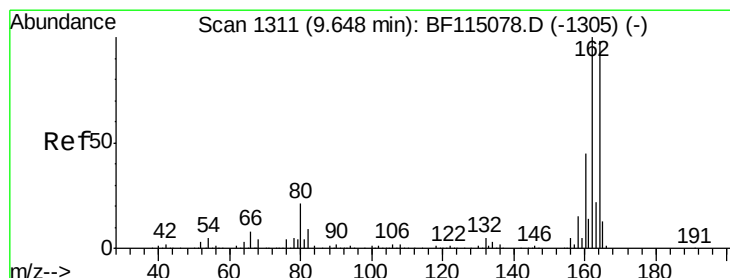
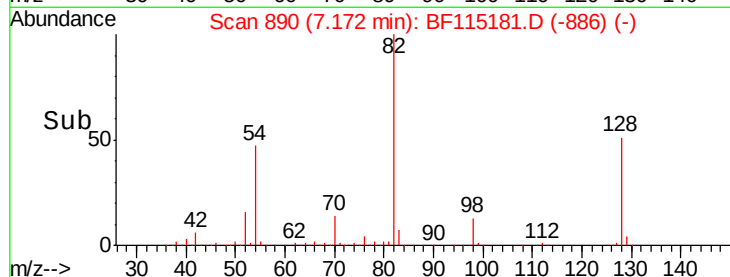
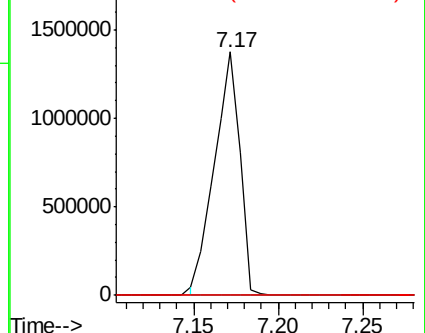
138 0.0 15.9 23.9#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115181.D

Acq: 25 Jun 2019 11:10

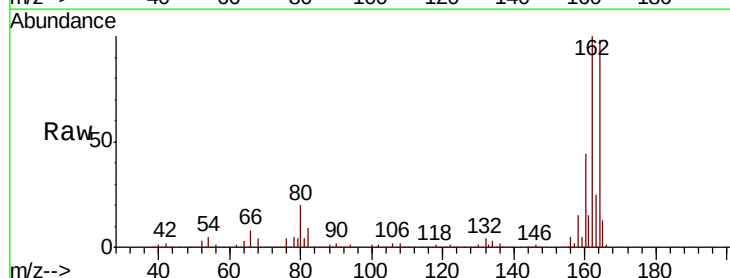
Tgt Ion: 164 Resp: 595271

Ion Ratio Lower Upper

164 100

162 102.0 81.7 122.5

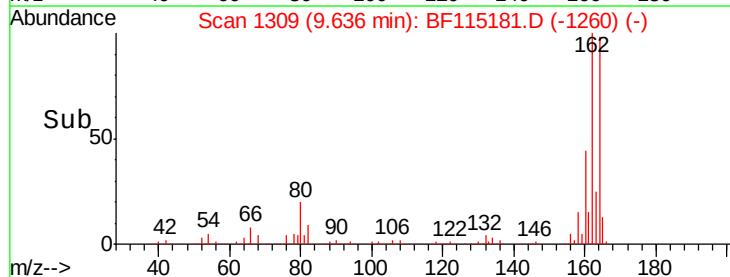
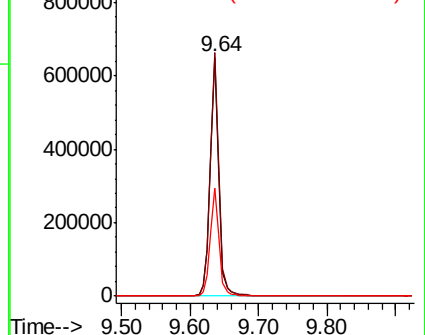
160 45.3 37.0 55.4

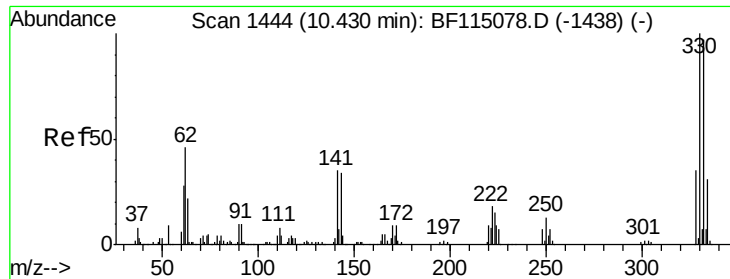


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

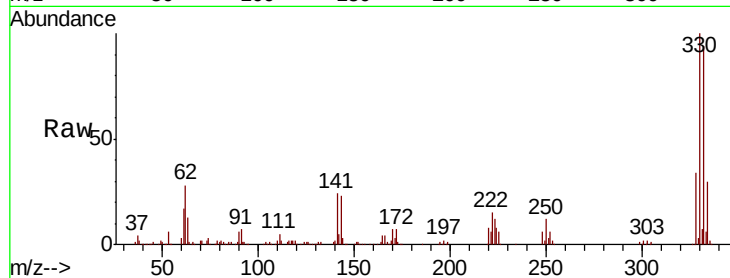




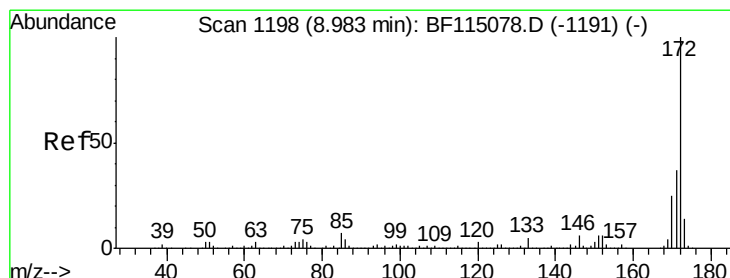
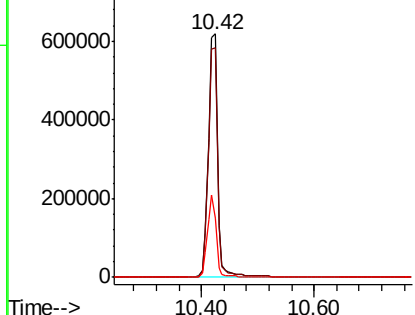
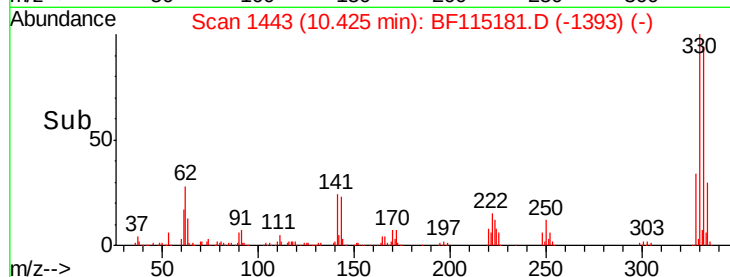
#42
 2,4,6-Tribromophenol
 Concen: 112.829 ng
 RT: 10.42 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF115181.D
 Acq: 25 Jun 2019 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB120870BL

Tgt Ion:330 Resp: 708264
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.3 115.9
 141 32.3 28.2 42.2

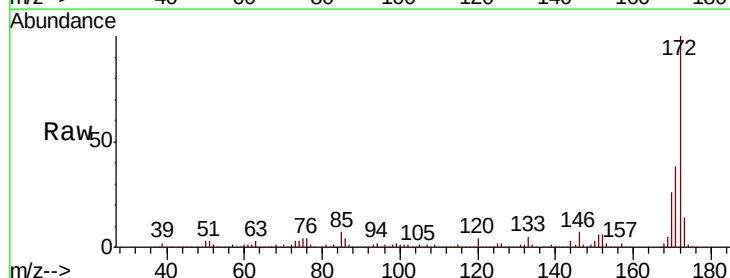


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

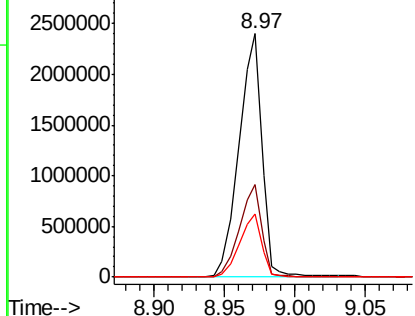
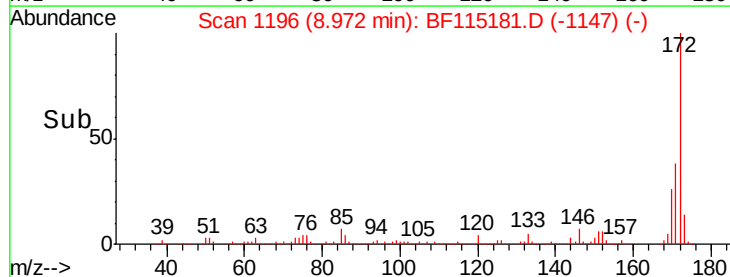


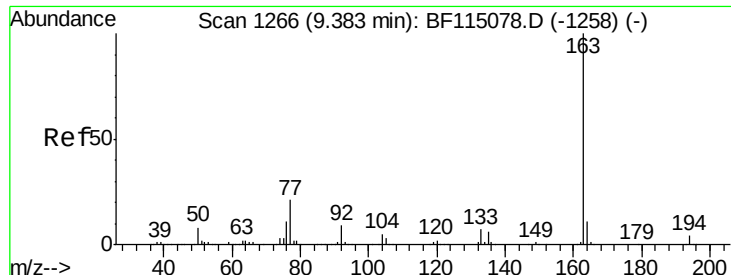
#45
 2-Fluorobiphenyl
 Concen: 77.735 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115181.D
 Acq: 25 Jun 2019 11:10

Tgt Ion:172 Resp: 2724181
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.8 44.6
 170 25.8 20.3 30.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

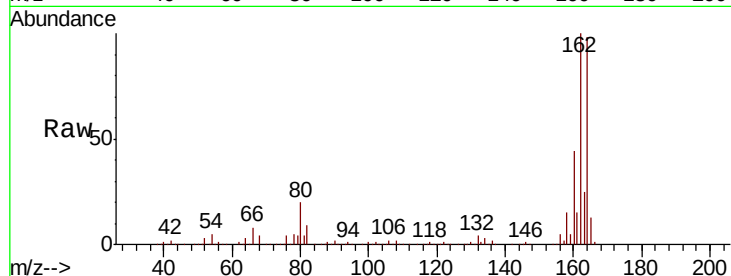




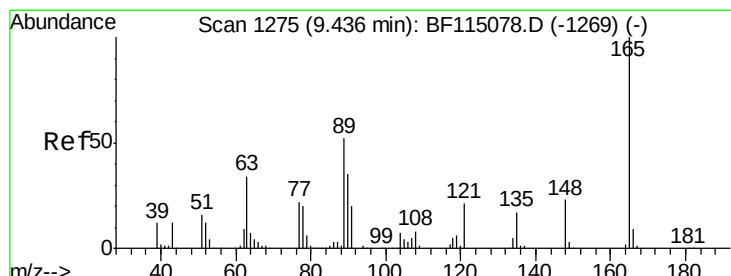
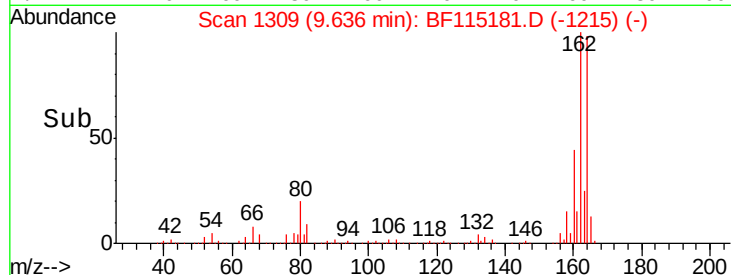
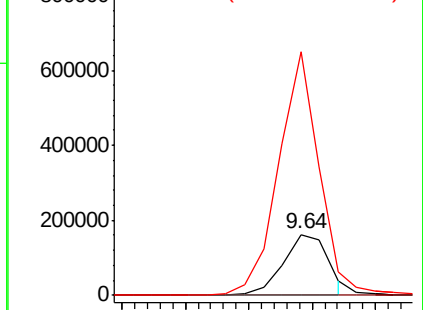
#50
Dimethylphthalate
Concen: 3.717 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.25 min
Lab File: BF115181.D
Acq: 25 Jun 2019 11:10

Instrument :
BNA_F
ClientSampleId :
PB120870BL

Tgt Ion:163 Resp: 162768
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 397.8 8.6 13.0#

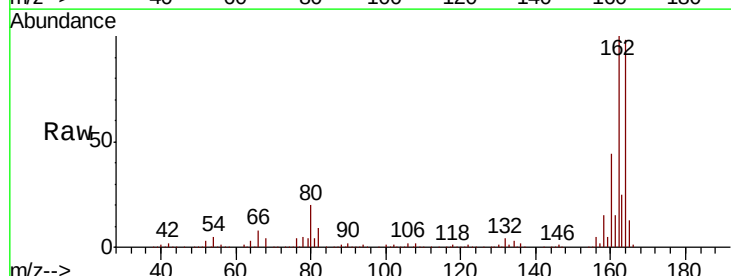


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

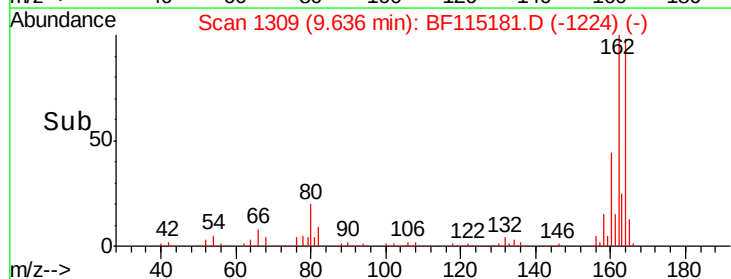
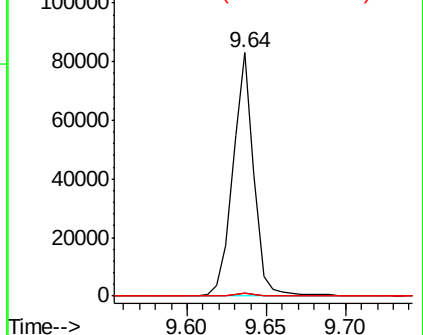


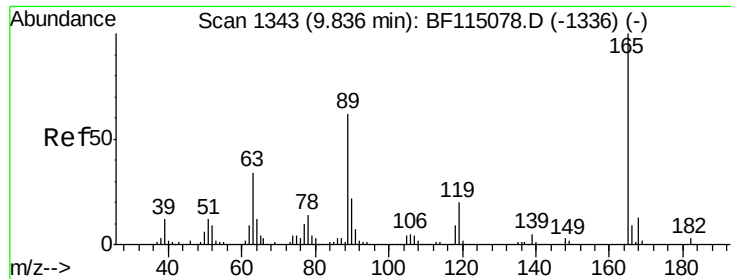
#51
2,6-Dinitrotoluene
Concen: 7.470 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.20 min
Lab File: BF115181.D
Acq: 25 Jun 2019 11:10

Tgt Ion:165 Resp: 75528
Ion Ratio Lower Upper
165 100
63 1.1 39.4 59.2#
89 1.1 42.0 63.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

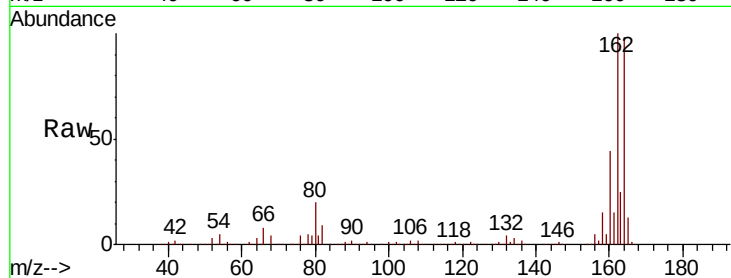




#57
 2,4-Dinitrotoluene
 Concen: 5.785 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.20 min
 Lab File: BF115181.D
 Acq: 25 Jun 2019 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB120870BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.5	41.3#
89	1.1	49.9	74.9#
182	0.0	2.1	3.1#



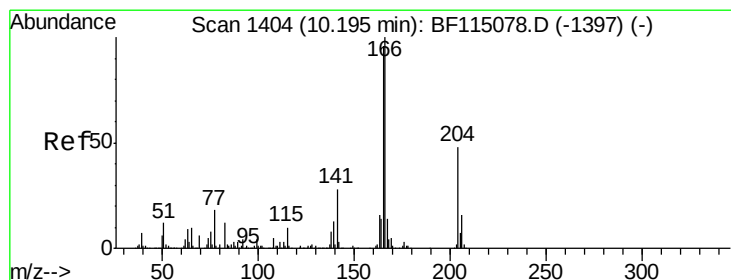
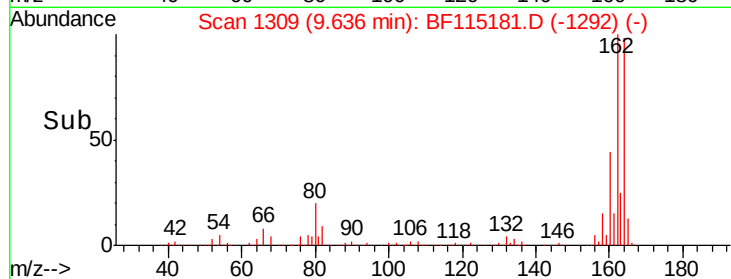
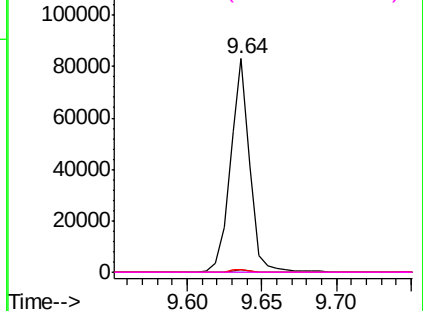
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

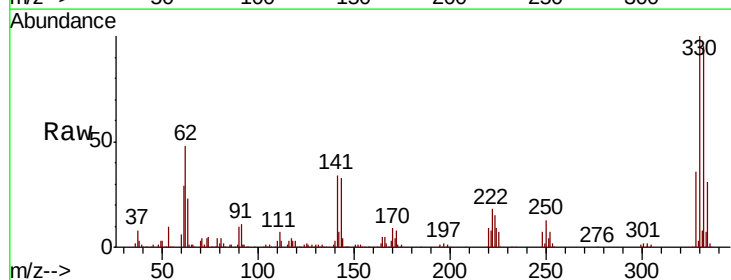
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: Below Cal
 RT: 10.42 min Scan# 1442
 Delta R.T. 0.22 min
 Lab File: BF115181.D
 Acq: 25 Jun 2019 11:10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	76.5	114.7
167	32.8	11.0	16.4#

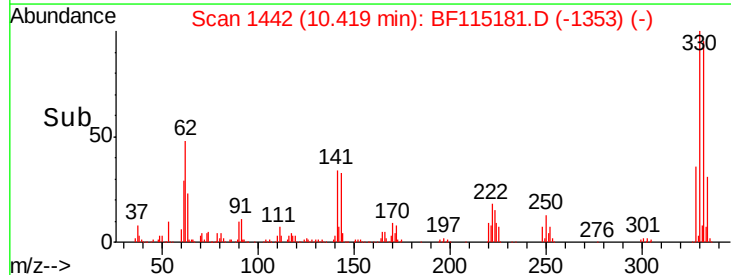
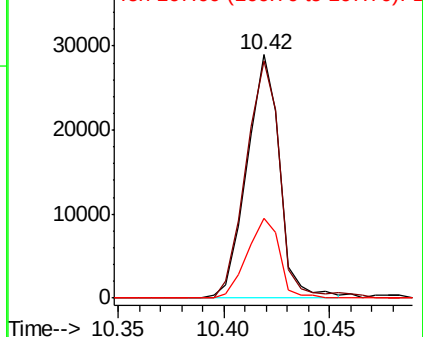


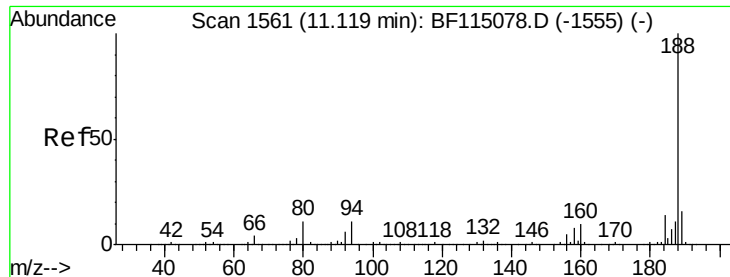
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

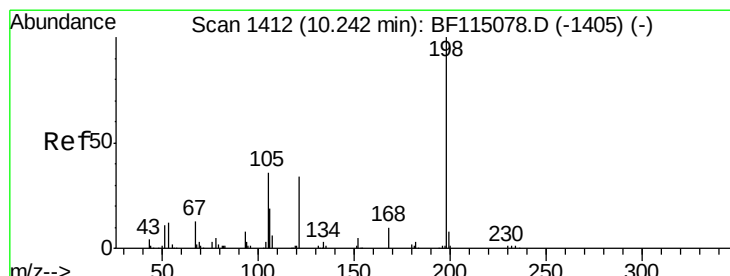
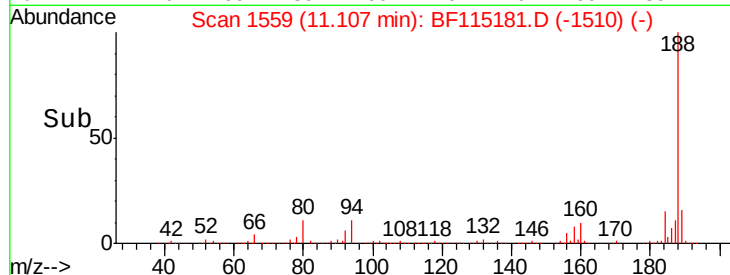
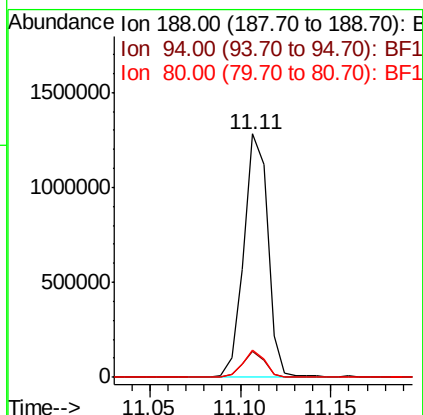
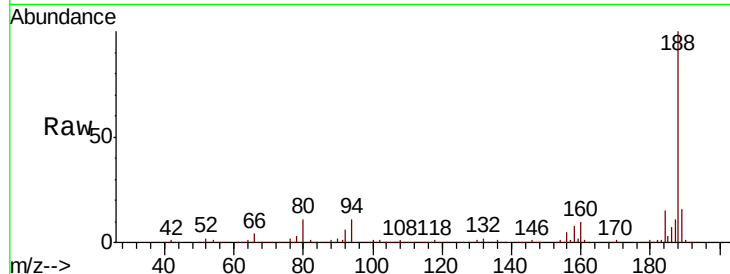




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.11 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF115181.D
 Acq: 25 Jun 2019 11:10

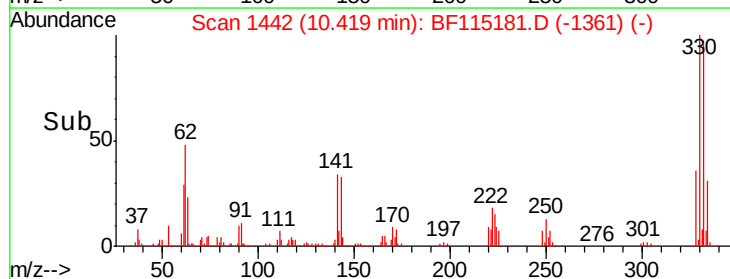
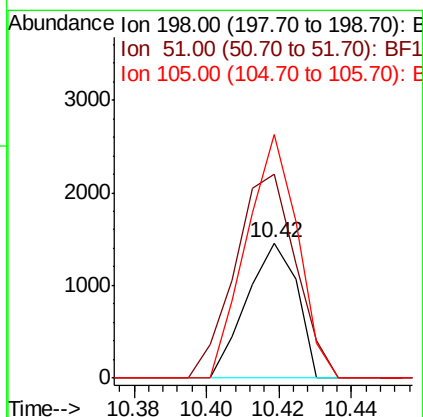
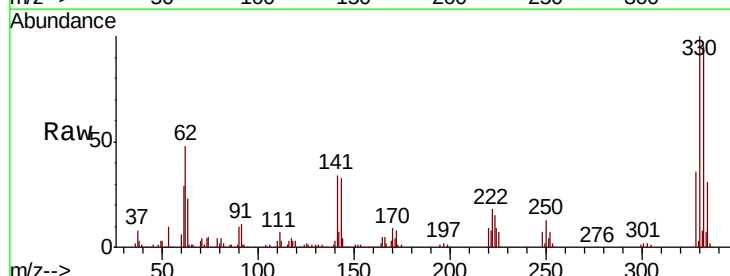
Instrument :
 BNA_F
 ClientSampleId :
 PB120870BL

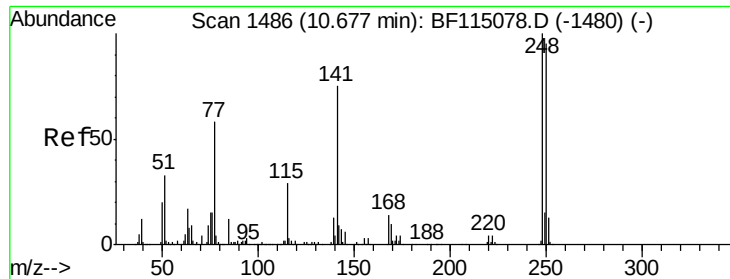
Tgt Ion:188 Resp: 1185060
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.6 12.8
 80 11.1 8.8 13.2



#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.160 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. 0.18 min
 Lab File: BF115181.D
 Acq: 25 Jun 2019 11:10

Tgt Ion:198 Resp: 1408
 Ion Ratio Lower Upper
 198 100
 51 151.1 11.0 51.0#
 105 180.3 17.3 57.3#

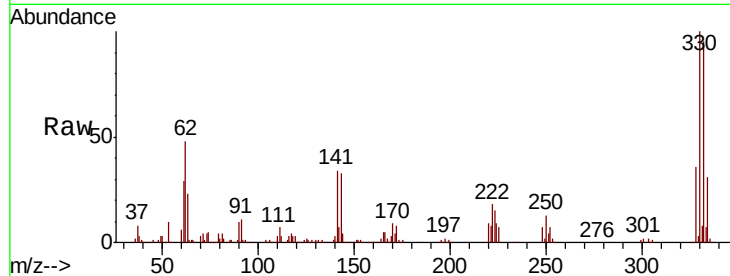




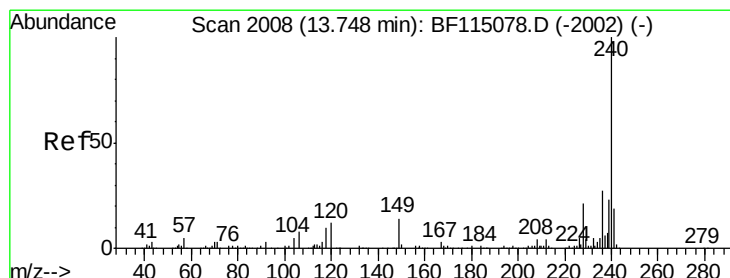
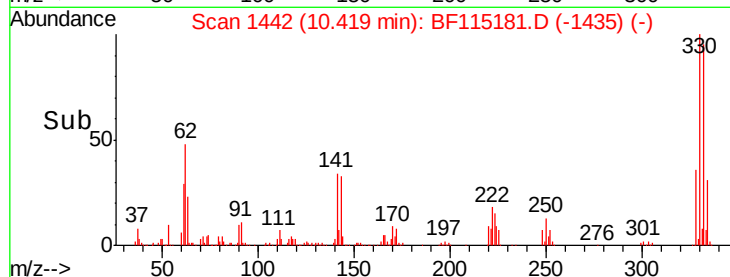
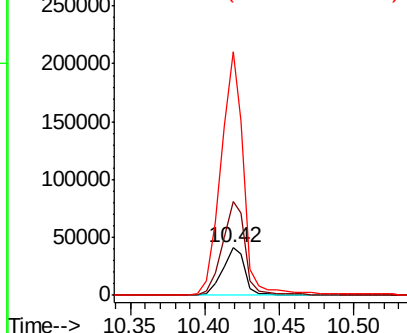
#67
4-Bromophenyl-phenylether
Concen: 3.444 ng
RT: 10.42 min Scan# 1442
Delta R.T. -0.26 min
Lab File: BF115181.D
Acq: 25 Jun 2019 11:10

Instrument :
BNA_F
ClientSampled :
PB120870BL

Tgt Ion:248 Resp: 44256
Ion Ratio Lower Upper
248 100
250 198.4 76.2 114.2#
141 515.5 59.6 89.4#

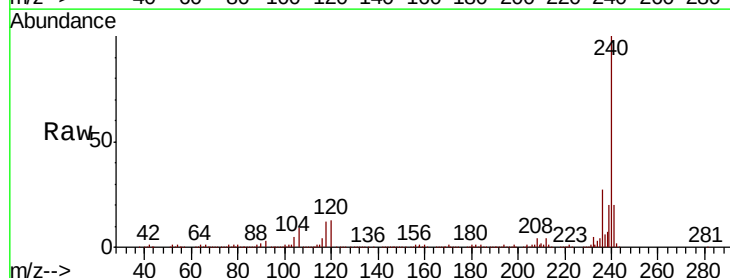


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

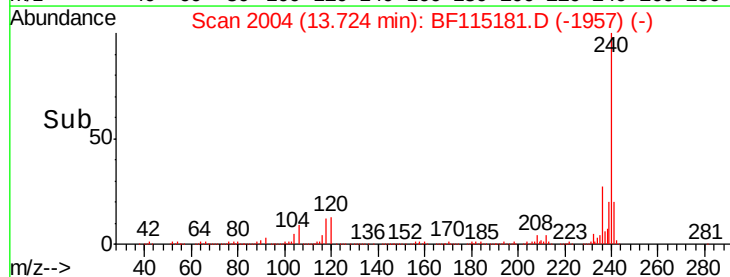
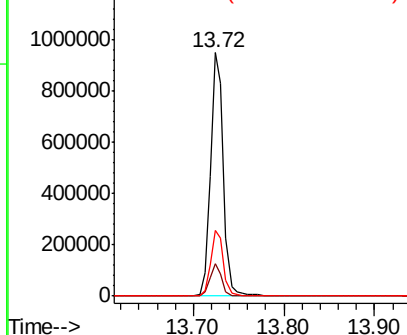


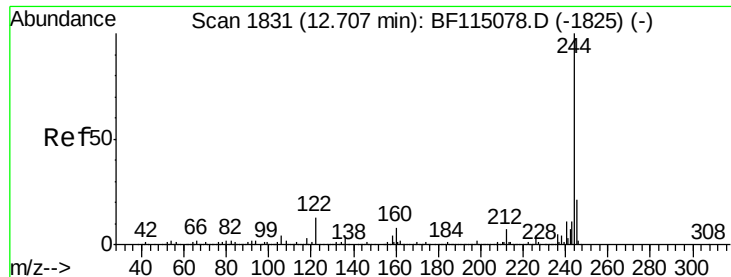
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF115181.D
Acq: 25 Jun 2019 11:10

Tgt Ion:240 Resp: 943789
Ion Ratio Lower Upper
240 100
120 13.5 9.4 14.2
236 27.2 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.820 ng

RT: 12.70 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115181.D

Acq: 25 Jun 2019 11:10

Instrument :

BNA_F

ClientSampleId :

PB120870BL

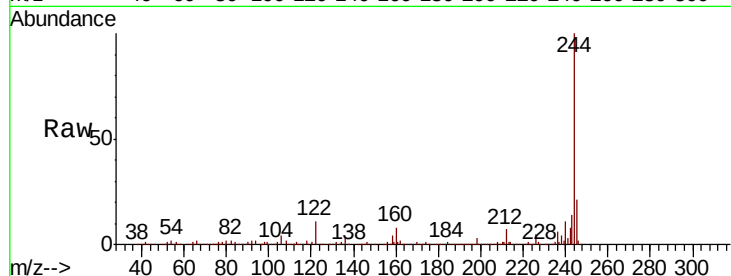
Tgt Ion:244 Resp: 3054886

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

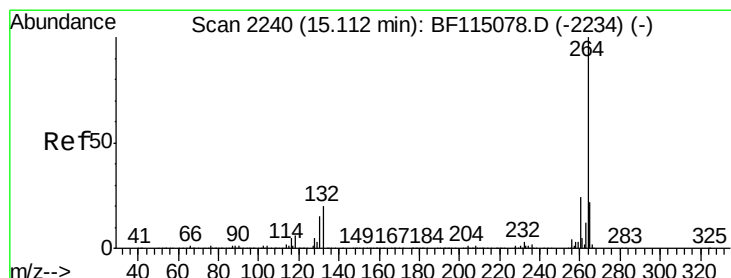
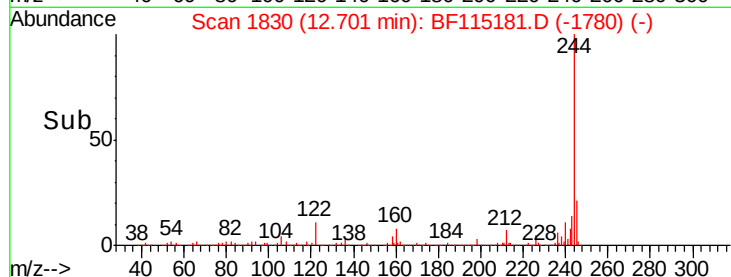
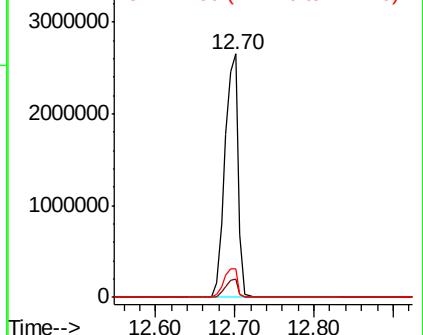
122 11.5 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.09 min Scan# 2237

Delta R.T. -0.02 min

Lab File: BF115181.D

Acq: 25 Jun 2019 11:10

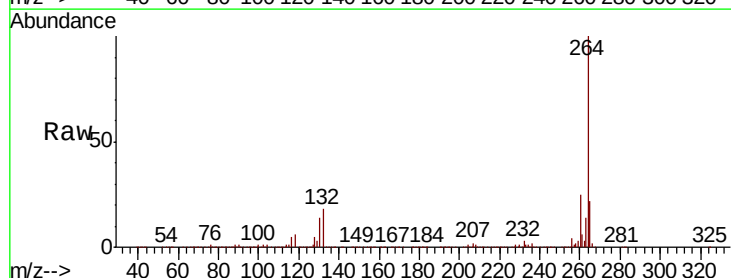
Tgt Ion:264 Resp: 971593

Ion Ratio Lower Upper

264 100

260 25.0 19.6 29.4

265 22.0 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

